

### ABSTRACT OF THE DISCLOSURE

Disclosed are methods for treating endoleaks arising from  
endovascular repair of abdominal aortic aneurysms. The disclosed methods  
involve the *in situ* sealing of endoleaks after placement of an endovascular  
5 prostheses in the abdominal aorta. Sealing of endoleaks is achieved by  
injection of either a biocompatible polymer or prepolymer fluid composition  
into the endoleak which composition *in situ* solidifies to seal the leak.  
Preferably, the biocompatible fluid composition comprises a contrast agent to  
allow the clinician to visualize the sealing process.

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